



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): David Dice et al.  
Title: QUICKLY REACQUIRABLE LOCKS  
Application No.: 10/669,948 Filed: September 24, 2003  
Examiner: William D. Thomson Group Art Unit: 2194  
Atty. Docket No.: 004-8728 Confirmation No.: 8314

December 28, 2005

Mail Stop Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**37 C.F.R. § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings to the Examiner's attention in the above-identified application the patents, publications, applications or other information identified in the attached:

- ☐ Form(s) PTO/SB/08A (N/A page(s), with copy of no reference(s)).
- ☒ Form(s) PTO/SB/08B (1 page(s), with copy of 15 reference(s)).
- ☐ Listing of Pending Applications (N/A page(s), with copy of no application(s)).
- ☐ Other: N/A

Citation of such information shall not be construed as (i) an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention, (ii) a representation that a search has been made, other than as described herein, or (iii) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

CERTAIN COPIES NOT INCLUDED

Pursuant to operative regulations, certain copies need not be provided and corresponding information is identified in this Information Disclosure Statement by citation only. In particular,

- ☒ In accordance with 37 C.F.R. § 1.98(a)(2)(ii), copies of cited U.S. Patents and U.S. Patent Application Publications are not included.
- ☐ Certain information was submitted to, or cited by, the Office in Application No(s). N/A, filed N/A, to which the above-identified application claims priority under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of that information are not included.
- ☐ Pursuant to 1287 OG 163 (October 19, 2004), for those cited pending U.S. patent applications filed (or which entered the national stage under 35 U.S.C. § 371) on or after June 30, 2003 or which are otherwise stored in the USPTO's Image File Wrapper system, copies are not included.

FEE AUTHORIZATION

- ☐ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
- ☒ The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that, on the date shown below, this correspondence is being

- ☒ deposited with the US Postal Service with sufficient postage as first class mail and addressed as shown above.
- ☐ facsimile transmitted to the US Patent and Trademark Office.

K Elcess 28 Dec -05  
Kimberley Elcess Date

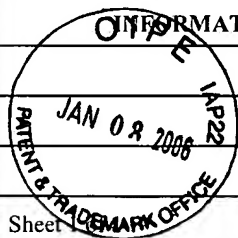
EXPRESS MAIL LABEL: \_\_\_\_\_

Respectfully submitted,

*Kimberley Elcess*

Kimberley Elcess, Reg. No. 36,128  
Agent for Applicant(s)  
(512) 338-6321 (direct)  
(512) 338-6300 (main)  
(512) 338-6301 (fax)

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8728
		Application No.: 10/669,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: David Dice
		Filing Date: September 24, 2003
		Group Art Unit: 2194
		Examiner Name: William D. Thomson
Sheet 1		Date Submitted: December 28, 2005



### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	MASSALIN, H., et al., "A Lock-Free Multiprocessor OS Kernel," Technical Report TR CUCS-005-9, Columbia University, New York, NY, 1991, 21 pages.	
	2	MASSALIN, Henry, "Synthesis: An Efficient Implementation of Fundamental Operating System Services," Dissertation submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in the Graduate School of Arts and Sciences, Columbia University, New York, NY, online, 158 pages, 1992 [retrieved from the Internet on 2001-07-13: URL:ftp://ftp.cs.columbia.edu/reports/reports-1992/cucs-039-92.ps.gz].	
	3	BERSHAD, B. N., "Practical Considerations For Non-Blocking Concurrent Objects," <i>Proceedings 13th IEEE International Conference on Distributed Computing Systems</i> , pp. 264-273. IEEE Computer Society Press, Washington, D.C., 1993.	
	4	HERLIHY, M., "A Methodology For Implementing Highly Concurrent Data Objects," <i>ACM Transactions on Programming Languages and Systems</i> , 15(5):745- 770, November 1993.	
	5	ATTIYA, Hagit, et al., "Are Wait-Free Algorithms Fast?" <i>Journal of the ACM</i> , 41(4):725-763, July 1994.	
	6	LAMARCA, A., "A performance evaluation of lock-free synchronization protocols," <i>Proceedings of the 13th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 130-140, ACM Press, New York, NY, 1994.	
	7	MICHAEL, Maged M. et al., "Simple, Fast, and Practical Non-Blocking and Blocking Concurrent Queue Algorithms," <i>Proceedings of PODC</i> , pp. 267-275, May 1996.	
	8	ATTIYA, H., et al., "Universal Operations: Unary versus Binary," <i>Proceedings of the 15th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 223-232, ACM Press, New York, NY, 1996.	
	9	GREENWALD, M. B., et al., "The Synergy Between Non-Blocking Synchronization And Operating System Structure," <i>Proceedings of the 2nd Symposium on Operating Systems Design and Implementation</i> , pp. 123-136, Usenix Association, Berkeley, CA, 1996.	
	10	AFEK, Y., et al., "Disentangling Multi-Object Operations," <i>Proceedings of the 16th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 111-120, August 1997. Santa Barbara, CA.	
	11	ARORA, N. S., et al., "Thread Scheduling For Multiprogrammed Multiprocessors," <i>Proceedings of the 10th Annual ACM Symposium on Parallel Algorithms and Architectures</i> , pp. 119-129, ACM Press, New York, NY, 1998.	
	12	ATTIYA, Hagit, et al., "Atomic Snapshots In O(n log n) Operations," <i>SIAM Journal on Computing</i> , 27(2):319-340, April 1998.	
	13	GREENWALD, M., "Non-Blocking Synchronization and System Design," PhD thesis, Stanford University Technical Report STAN-CS-TR-99-1624, Palo Alto, CA, August 1999, 241 pages.	
	14	AGESEN, Ole, et al.: "DCAS-BASED CONCURRENT DEQUES," <i>SPAA 2000. Proceedings of the 12th Annual ACM Symposium on Parallel Algorithms and Architectures</i> , pp. 137 146, ACM Press, New York, NY, ISBN: 1-58113-185-2, 2000.	
	15	DETLEFS, David L., et al., "Even Better DCAS-Based Concurrent Deques," <i>Lecture Notes in Computer Science</i> , vol. 1914, pp. 59-73, Springer-Verlag, Berlin, Germany, ISBN: 3-540-41143-7, 2000.	
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.